

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
AZIZ GHOLMIEH	05/05/2010
DANLU ZHANG	05/14/2010
SHARAD DEEPAK SAMBHWANI	06/04/2010
ROHIT KAPOOR	04/15/2010
JILEI HOU	06/30/2010
BIBHU PRASAD MOHANTY	06/30/2010
OZCAN OZTURK	04/15/2010
ARJUN BHARADWAJ	04/20/2010
HEECHOOON LEE	04/28/2010

**RECEIVING PARTY DATA**

Name:	QUALCOMM Incorporated
Street Address:	5775 Morehouse Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12759369

**CORRESPONDENCE DATA**

Fax Number: (858)658-2502  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 858-845-4265  
 Email: us-docketing@qualcomm.com  
 Correspondent Name: QUALCOMM INCORPORATED  
 Address Line 1: 5775 MOREHOUSE DR.  
 Address Line 4: SAN DIEGO, CALIFORNIA 92121

CH \$40.00 12759369

ATTORNEY DOCKET NUMBER:	091953
NAME OF SUBMITTER:	Shae Penturf
<p>Total Attachments: 30</p> <p>source=091953_2010-07-12_asst_#page1.tif source=091953_2010-07-12_asst_#page2.tif source=091953_2010-07-12_asst_#page3.tif source=091953_2010-07-12_asst_#page4.tif source=091953_2010-07-12_asst_#page5.tif source=091953_2010-07-12_asst_#page6.tif source=091953_2010-07-12_asst_#page7.tif source=091953_2010-07-12_asst_#page8.tif source=091953_2010-07-12_asst_#page9.tif source=091953_2010-07-12_asst_#page10.tif source=091953_2010-07-12_asst_#page11.tif source=091953_2010-07-12_asst_#page12.tif source=091953_2010-07-12_asst_#page13.tif source=091953_2010-07-12_asst_#page14.tif source=091953_2010-07-12_asst_#page15.tif source=091953_2010-07-12_asst_#page16.tif source=091953_2010-07-12_asst_#page17.tif source=091953_2010-07-12_asst_#page18.tif source=091953_2010-07-12_asst_#page19.tif source=091953_2010-07-12_asst_#page20.tif source=091953_2010-07-12_asst_#page21.tif source=091953_2010-07-12_asst_#page22.tif source=091953_2010-07-12_asst_#page23.tif source=091953_2010-07-12_asst_#page24.tif source=091953_2010-07-12_asst_#page25.tif source=091953_2010-07-12_asst_#page26.tif source=091953_2010-07-12_asst_#page27.tif source=091953_2010-07-12_asst_#page28.tif source=091953_2010-07-12_asst_#page29.tif source=091953_2010-07-12_asst_#page30.tif</p>	

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TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that We,

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3. Sharad Deepak Sambhwani, a citizen of the United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident of San Diego, California, United States of America,
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8. Arjun Bharadwaj, a citizen of India, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident of San Diego, California, United States of America,

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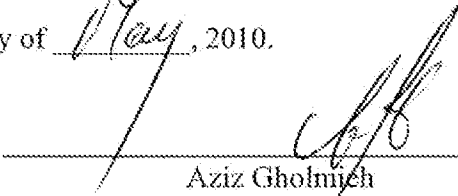
have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **CONTROL OF RADIO LINKS IN A MULTIPLE CARRIER SYSTEM** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **April 13, 2010**, and assigned Serial No. **12/759,369**, including Provisional Application Number **61/169,310**, filed on **April 15, 2009**, and all original and reissue patents granted thereof (in the

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United States and any foreign country), and all divisionals, continuations and continuations-in-part thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that we have full right to do so, and agree that we will communicate to said corporation or its representatives all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 5<sup>th</sup> day of May, 2010.

  
\_\_\_\_\_  
Aziz Gholmieh

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Danlu Zhang

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Sharad Deepak Sambhwani

**ASSIGNMENT**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Rohit Kapoor

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Jilei Hou

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Bibhu Prasad Mohanty

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Ozcan Ozturk

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Arjun Bharadwaj

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

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Heechoon Lee

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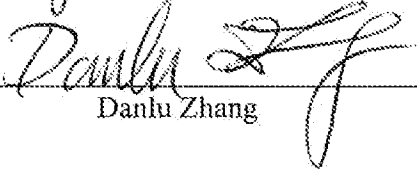
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The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Aziz Gholmieh

Done at San Diego, California this 14<sup>th</sup> day of May, 2010.

  
\_\_\_\_\_  
Danlu Zhang

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Sharad Deepak Sambhwani

**ASSIGNMENT**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

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Rohit Kapoor

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

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Jilei Hou

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

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Bibhu Prasad Mohanty

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

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Ozcan Ozturk

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

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Arjun Bharadwaj

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Aziz Gholmieh

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Danlu Zhang

Done at San Diego, California this 4<sup>H</sup> day of June, 2010.

*Sharad Sambhwani*  
\_\_\_\_\_

Sharad Deepak Sambhwani

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Danlu Zhang

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Sharad Deepak Sambhwani

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Done at San Diego, California this 15<sup>th</sup> day of April, 2010.

Rohit Kapoor

Rohit Kapoor

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

Jilei Hou

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

Bibhu Prasad Mohanty

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

Ozcan Ozturk

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\_\_\_\_\_  
Rohit Kapoor

Done at San Diego, California this 30 day of June, 2010.

  
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Jilei Hou

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

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have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **CONTROL OF RADIO LINKS IN A MULTIPLE CARRIER SYSTEM** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **April 13, 2010**, and assigned Serial No. **12/759,369**, including Provisional Application Number **61/169,310**, filed on **April 15, 2009**, and all original and reissue patents granted thereof (in the



## ASSIGNMENT

United States and any foreign country), and all divisionals, continuations and continuations-in-part thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that we have full right to do so, and agree that we will communicate to said corporation or its representatives all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Aziz Gholmieh

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Danlu Zhang

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Sharad Deepak Sambhwani

**ASSIGNMENT**

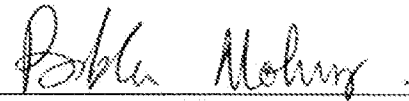
Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Rohit Kapoor

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Jilei Hou

Done at San Diego, California this 30th day of June, 2010.

  
\_\_\_\_\_  
Bibhu Prasad Mohanty

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Ozcan Ozturk

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Arjun Bharadwaj

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Heechoon Lee

**ASSIGNMENT**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Rohit Kapoor

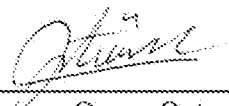
Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Jilei Hou

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Bibhu Prasad Mohanty

Done at San Diego, California this 15<sup>th</sup> day of April, 2010.

  
\_\_\_\_\_  
Ozcan Ozturk

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Arjun Bharadwaj

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Heechoon Lee

## ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that We,

1. Aziz Gholmieh, a citizen of the United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident of Del Mar, California, United States of America,
2. Danlu Zhang, a citizen of China, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident of San Diego, California, United States of America,
3. Sharad Deepak Sambhwani, a citizen of the United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident of San Diego, California, United States of America,
4. Rohit Kapoor, a citizen of India, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident of San Diego, California, United States of America,
5. Jilei Hou, a citizen of China, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident of San Diego, California,

## ASSIGNMENT

United States of America,

6. Bibhu Prasad Mohanty, a citizen of the United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident of San Diego, California, United States of America,

7. Ozcan Ozturk, a citizen of Turkey, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident of San Diego, California, United States of America,

8. Arjun Bharadwaj, a citizen of India, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident of San Diego, California, United States of America,

9. Heechoon Lee, a citizen of Korea, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident of San Diego, California, United States of America,

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The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Aziz Gholmieh

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Danlu Zhang

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Sharad Deepak Sambhwani

**ASSIGNMENT**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Rohit Kapoor

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Jilei Hou

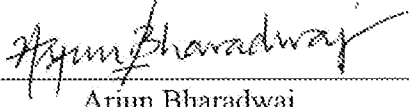
Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Bibhu Prasad Mohanty

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Ozcan Ozturk

Done at San Diego, California this 20<sup>th</sup> day of APRIL, 2010.

  
\_\_\_\_\_  
Arjun Bharadwaj

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Heechoon Lee

**ASSIGNMENT**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Rohit Kapoor

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Jilei Hou

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Bibhu Prasad Mohanty

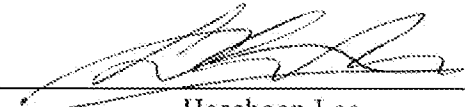
Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Ozcan Ozturk

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Arjun Bharadwaj

Done at San Diego, California this 28 day of April, 2010.

  
\_\_\_\_\_  
Heechoon Lee